

**Amendments to the Specification**

Page 1, before line 1, insert the following text.

*a1* **BACKGROUND OF THE INVENTION**

**1. FIELD OF THE INVENTION**

Page 1, between lines 8 and 9, insert the following text.

*a2* **2. Discussion of the Related Art**

Page 3, between lines 20 and 21, insert the following text.

*a3* **BRIEF SUMMARY OF THE INVENTION**

Page 4, between lines 12 and 13, insert the following text.

*a4* **BRIEF DESCRIPTION OF THE DRAWINGS**

Page 4, between lines 21 and 22, insert the following text.

*a5* **DETAILED DESCRIPTION OF THE INVENTION**

Page 7, beginning with line 3, amend the Abstract as follows.

~~Method of transmitting between a base station in an access network and an access network controller of a telecommunications system.~~

~~The present invention concerns a A method of transmitting, over a physical link between a base station and a controller of a telecommunications system, data issuing from a plurality of users in communication communicating with the said base station, the said data being segmented in the form of cells, the said system being designed so that the said cells are sent over the said link at different transmission time intervals TTI which are different according to the type to which they belong. According to the present invention, this method is characterised in that it consists of using as As many queues as there are different types of data which the said telecommunications system can manage are used, the said queues being fed by the cells carrying the said data, each queue being fed by the cells to which the type of data corresponding to the said queue is allocated, the said queues being emptied in time slices~~

periods with a predetermined duration in the following manner: at the commencement of each slice period, the first non-empty queue, in increasing order of the said time intervals allocated to the said queues, is emptied, then the second non-empty one is emptied, ~~then the third non-empty one, etc, and at the expiry of the said time slice, the cycle recommences, whatever the state of the said queues.~~

Fig 2